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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	MDS-033C1
First Named Inventor	Schomacker et al.
Title	Method and Apparatus for Identifying Spectral Artifacts

APPLICATION ELEMENTS

1. Fee Transmittal Form
2. Small Entity Status
 - Applicant claims small entity status
 - Status established in prior application and is still proper and desired
3. Specification and Drawings [Total Pages 84]
 - Written Description - (55 pages)
 - Claims - (10 pages)
 - Abstract - (1 page)
 - Sheets of Drawings - (18 sheets)
 - Formal
 - Informal
4. Oath or Declaration [Total Pages 8]
 - a. Newly executed (original)
 - b. Copy from a prior application (37 CFR 1.63(d))

(for continuation/divisional with Box 17 completed)
/Note Box 5 below/
5. Incorporation by Reference (usable if Box 4b is checked) The entire Disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. Application Data Sheet
7. Nucleotide and/or Amino Acid Sequence Submission
 - Computer Readable Form (CRF)
 - Paper Copy (identical to computer copy)
 - CD (2 copies) (identical to computer copy)
 - Statement verifying identity of above copies

17. If a CONTINUING APPLICATION: Amend the specification by inserting on page 1, before the first line, the sentence:
--This is a

continuation divisional continuation-in-part of prior application Serial No. 10/243,535, filed on September 13, 2002, which is based on, and claims priority to, provisional U.S. patent application serial number 60/394,696 filed on July 9, 2002, the disclosures of which are incorporated by reference herein.--

Priority to the above application(s) is claimed under 35 U.S.C. 120.

Prior application information: Examiner: Christine Sung, Group/Art Unit: 2878.

18. Priority - 35 U.S.C. 119

Priority of application Serial No. _____ filed on _____ in _____ is claimed under 35 U.S.C. 119.

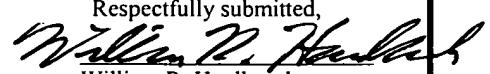
The certified copy has been filed in prior U.S. application Serial No. _____ / _____ on _____.

The certified copy will follow.

CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator
Testa, Hurwitz & Thibeault, LLP
High Street Tower
125 High Street
Boston, MA 02110
Tel. No.: (617) 248-7000
Fax No.: (617) 248-7100
Customer No. 021323

SIGNATURE BLOCK

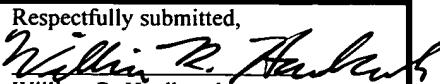
Respectfully submitted,

 William R. Haulbrook
 Atty/Agent for Applicant(s)
 Testa, Hurwitz & Thibeault, LLP
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 125 High Street
 Boston, MA 02110

051904
6711 U.S.PTO

Express Mail Mailing Label No. EV334229878US

FEE TRANSMITTAL
FY 2004

Complete if Known	
Application Serial Number	Continuation of U.S.S.N. 10/243,535
Filing Date	May 19, 2004
First Named Inventor	Schomacker et al.
Group Art Unit	2878 (parent application)
Examiner Name	Christine Sung (parent application)
Attorney Docket No.	MDS-033C1

METHOD OF PAYMENT				FEE CALCULATION (continued)			
1. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other				3. ADDITIONAL FEES Large Entity Small Entity Fee (\$) Fee (\$) Fee Description Fee Paid			
2. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 20-0531. <input type="checkbox"/> Required Fees (copy of this sheet enclosed). <input checked="" type="checkbox"/> Additional fee required under 37 CFR 1.16 and 1.17. <input checked="" type="checkbox"/> Overpayment Credit. 3. <input checked="" type="checkbox"/> Applicant claims small entity status.				130	65	Surcharge - late filing fee or oath	
				50	25	Surcharge - late provisional filing fee or cover sheet	
				130	130	Non-English specification	
				2,520	2,520	Request for ex parte reexamination	
				110	55	Extension for reply within first month	
				420	210	Extension for reply within second month	
				950	475	Extension for reply within third month	
				1480	740	Extension for reply within fourth month	
				2010	1005	Extension for reply within fifth month	
				330	165	Notice of Appeal	
				330	165	Filing a brief in support of an appeal	
				290	145	Request for oral hearing	
				130	130	Petitions to the Commissioner	
				180	180	Submission of Information Disclosure Statement	
FEE CALCULATION							
1. FILING FEE							
Large Entity				Fee Paid			
Fee (\$)	Fee Description						
770	Utility filing fee			770.00			
340	Design filing fee						
160	Provisional filing fee						
Number	Number	Rate	Amount				
Filed	Extra						
Total Claims	24	- 20 = 4	x \$ 18.00 =	72.00			
Independent Claims	4	- 3 = 1	x \$ 86.00 =	86.00			
<input type="checkbox"/> Multiple Dependent Claim(s), if any			\$290.00 =				
				TOTAL: 928.00			
				SMALL ENTITY DISCOUNT: 464.00			
				SUBTOTAL (1) (\$)	464.00		
2. AMENDMENT CLAIM FEES							
Claims Remaining After Amend.	Highest No. Previously Paid For	Present Extra	Rate	Fee Paid			
Total	-	=	x \$ 18.00 =				
Indep.	-	=	x \$ 86.00 =				
<input type="checkbox"/> First Presentation of Multiple Dep. Claim			+ \$290.00 =				
				TOTAL: (\$)			
				SMALL ENTITY DISCOUNT: (\$)			
				SUBTOTAL (2) (\$)	0.00		
CORRESPONDENCE ADDRESS				SIGNATURE BLOCK			
Direct all correspondence to:				Respectfully submitted,  William R. Haulbrook Attorney for the Applicants Testa, Hurwitz & Thibeault, LLP High Street Tower-125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100			
Patent Administrator Testa, Hurwitz & Thibeault, LLP High Street Tower-125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100				Date: May 19, 2004 Reg. No.: 53,002 Tel. No.: (617) 310-8427 Fax No.: (617) 248-7100			